

FORM PTO-1590 (Rev. 07-2005)  
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**IAP15 Rec'd PCT/PTO 20 JUN 2006**

<b>TRANSMITTAL LETTER TO THE UNITED STATES          DESIGNATED/ELECTED OFFICE (DO/EO/US)          CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> 96605/29US
		U.S. APPLICATION NO. (37 CFR 1.5) <b>10/583625</b>
<b>INTERNATIONAL APPLICATION NO.</b> PCT/US2005/001813	<b>INTERNATIONAL FILING DATE</b> 20 January 2005	<b>PRIORITY DATE CLAIMED</b> 20 January 2004
<b>TITLE OF: SUPERCONDUCTING LOOP, SADDLE AND BIRDCAGE MRI COILS</b>		
<b>APPLICANT(S) FOR DO/EO/US: Jaroslaw Wosik, Leiming P. Xie, and Krzysztof Nesteruk</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371)(f). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as file (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4)..</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> has not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International application under 35 U.S.C. 154(d)(4).</li> </ol>		

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U.S. APPLICATION NO. <b>10/583625</b>		INTERNATIONAL APPLICATION NO.		ATTORNEY DOCKET NUMBER	
20. Other items or information:					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))	\$300		\$300.00	
22.	<input checked="" type="checkbox"/> Examination fee (37 DCR 1.492(c))			\$200.00	
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$0			
All other situations		\$200			
23.	<input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))			\$400.00	
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$0			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100			
International Search Report prepared by ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$400			
All other situations		\$500			
Total of 21, 22 and 23 =				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawing filed in paper of 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
78-100 = 0		0	x \$250.00		
Surcharge of \$310.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	42	22	x \$50.00	\$1,100.00	
Independent claims	6	3	x \$200.00	\$600.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				x \$360.00	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$2,600.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.				\$1,300.00	
SUBTOTAL =				\$1,300.00	
Prosecuting fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority data (37 CFR 1.492(f)).				+	
TOTAL NATIONAL FEE =				\$1,300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
TOTAL FEES ENCLOSED =				\$1,300.00	
				Amount to be refunded:	
				Amount to be charged:	

10/583625

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- a. ☒ A check in the amount of \$ 1300 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ In the amount of \$ \_\_\_\_\_ to cover the above fees.
- c. ☒ The Commissioner is hereby authorized to charge any additional fee which may be required, or credit any overpayment to Deposit Account No. 501518. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information of this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

  
SIGNATURERobert W. Strozier  
NAME34,024  
REGISTRATION NUMBER

**ROBERT W. STROZIER, P.L.L.C.**

A FIRM SPECIALIZING IN INTELLECTUAL PROPERTY LAW INCLUDING  
PATENT, TRADEMARK, COPYRIGHT, TRADE SECRET LAW,  
UNFAIR COMPETITION AND RELATED MATTERS

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June 20, 2006

EV 551287-110US	CERTIFICATION UNDER 37 C.F.R. § 1.110	20 June 2006 Date of Deposit
I hereby certify that this application and the documents referred to as enclosed therein are being deposited with the United States Postal Service in an envelope as required by 37 C.F.R. § 1.110, addressed to:		
Commissioner for Patents MS PCT P.O. Box 1450 Alexandria, VA 22313-1450		
Robert W. Strozier		20 June 2006 Date of Signature

Honorable Commissioner for Patents  
MS NEW PATENT APPLICATION  
P.O. Box 14750  
Alexandria, VA 22313-1450

Attorney Docket No:  
96605/29US

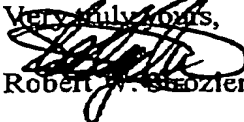
RE: US SN: ; FD:  
PCT WO/2005/078468; PubD: 25.08.2005; SN: PCT/US05/01813; FD: 1/20/05  
Priority US PSN: 60/537782; FD: 1/20/04  
Title: SUPERCONDUCTING LOOP, SADDLE AND BIRDCAGE MRI  
COILS  
UHID: 2004-004  
Our Ref. No.: 96605/29US

Dear Sir/Madam:

This letter is a request to file a Utility Patent Application under 37 U.S.C. § 371 including:  
(1) FORM PTO-1390; (2) Copy of Request as filed w/ Application; (3) Copy of Demand as filed; (4) Copy of PCT/IB/332; (5) Copy of PCT/IB/301; (6) Copy of PCT/IB/304; (7) Copy of PCT/IB/308; (8) Copy of PCT/ISA/401; (9) Copy of PCT/ISA/402; (10) Copy of PCT/ISA/210 w/ copies of articles; (11) Copy of PCT Published Application WO04038431; and (12) a Return Receipt Postcard.

Please address all correspondence in connection with this application to:

**23873**

Very truly yours,  
  
Robert W. Strozier

RWS/sls

## Enclosures:

FORM PTO-1390 PCT Nationalization under 35 USC 371  
Listed PCT Documents  
Return Self-Addressed Stamped Postcard

AP3 Rec'd PCT/PTO 20 JUN 2004

PTO-1382 (Rev. 07-2004)  
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# TRANSMITTAL LETTER TO THE UNITED STATES RECEIVING OFFICE

Express Mail mailing number:	EV 554 752 917 US	Date of Deposit:	July 11, 2005
File reference no.:	96605/29PCT	International Application no. (if known):	PCT/US2005/001813
Title of the invention: Superconducting Loop, Saddle and Birdcage MRI Coils			
Earliest priority date claimed (Day/Month/Year):		20/ Jan /2004	

☐ This is a new International Application

## SCREENING DISCLOSURE INFORMATION:

EV554752917US

In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (check as many boxes as apply):

- ☐ The invention disclosed was not made in the United States of America.
- ☐ There is no prior U.S. application relating to this invention.
- ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on the Request (form PCT/RO/101) and this listing does not constitute a claim for priority.)

application no.	60/537782	filed on	January 20, 2004
application no.		filed on	

- ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified above. The additional subject matter is found on pages \_\_\_\_\_ and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.15.

## Itemized list of contents

Sheets of Request form:	Check no.:
Sheets of description (excluding sequence listing):	Return receipt postcard:
Sheets of claims:	Power of attorney:
Sheets of abstract:	Certified copy of priority document (specify):
Sheets of drawings:	Other (specify):
Sheets of sequence listing:	PCT Transmittal Letter
Sequence listing diskette/CD:	PCT Chapter II Demand
Tables related to sequence listing CD:	Check NO. 4073 in the amount of \$922.00
	Return Receipt Postcard

The person signing this form is the:	<input type="checkbox"/> Applicant	Name of person signing: Robert W Strozier
	<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.) 34024	
	<input type="checkbox"/> Common Representative	
		Signature:

This collection of this information is required by 37 CFR 1.10 and 1.412. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.